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**Steven Lee Gatton****Soc.Sec. No.: 292-50-5010****Home and Mailing Address:****510 Clover Lane  
Bowling Green, Ohio 43402-2471****Office: 1-(419)-372-8307  
Home: 1-(419)-352-3347****Place and Date of Birth: Escondido, California (San Diego County), Oct. 13, 1954****Schools Attended:****Zanesville High School  
Zanesville, Ohio****Graduate June 1972  
GPA 3.70****Muskingum College  
New Concord, Ohio****B.S. in Chemistry, May 1976  
GPA 2.90 (2.72 overall)****Bowling Green State University  
Bowling Green, Ohio****M.S. in Chemistry, June 1982  
GPA 3.63****Graduate Records Examinations (GRE): 66th Percentile (Aug. 24, 1976)****Honors:****BSA Eagle Award, Oct. 11, 1972  
Student Membership, Muskingum College Club of Sigma Xi, Sept. 1975  
American Institute of Chemists Senior Student Achievement Award, 1976  
BGSU "Bright Ideas" Program award, Sept. 1990****Society Memberships:****Sigma Xi, Associate Member****Certifications:****Certified Hazardous Materials Manager, 1988 to present.****Grants:****Co-Principal Investigator, "The Solubilization of Coal in Room Temperature Molten Salts", OBOR Research Challenge, \$6,830.00.****Presentations:****"A Convenient Preparation of Isomerically Pure 1-Halonaphthalenes by Flash Vacuum Pyrolysis", American Chemical Society 19th Central Regional Meeting, June 2, 1986 (Abstract #229).****Publications:****Angert, J. L.; Gatton, S. L.; Reilly, M. T.; Landolt, R. G.; "Role of Substituents and pH in Activating Hypochlorite Oxidations of Coal Models", Fuel, 1977, 56, 224.**

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Newman, D. S.; Fang, L.; Davy, R.; Endres, P.; Ebert, A. R.; Gatton, S. L.; "Correlations Between Structure and Transport Properties of Molten Pyridinium Halide Binary Mixtures", Proceedings of the 5th International Symposium on Molten Salts, M-L. Saboungi; D. S. Newman; K. Johnson; D. Inman, Editors, The Electrochemical Society, Pennington, N. J. 1985.

#### Research Experience:

Synthesis of diphenyl nitrones from benzaldehyde phenylhydrazones and nitrosobenzenes, Muskingum College, R. G. Landolt directing, Summer 1971 and 1974.

Synthetic problems of N, N-diacetocarbonylanthranilic acid, possible chelating agent for  $M^{3+}$  analyses, Muskingum College, E. R. Gerlach directing, Summer 1971.

Hypochlorite oxidations of naphthalenes as coal models, required Senior Research Topics, R. G. Landolt directing, Fall 1975 to Spring 1976.

Flash Vacuum Pyrolysis of substituted 1-aryl-1,3-butadienes, thesis research for M.S., Bowling Green State University, T. H. Kinstle, advisor, Spring 1977 to Spring 1982.

Variable temperature proton NMR of molten pyridinium halide salt mixtures, using Varian CFT-20 and XL-200 NMR instruments, D. S. Newman, Principal Investigator, 1980 to present.

#### Professional Experience:

Internship at Battelle Memorial Institute, Columbus, Ohio, with the analytical section, using gas-MS, SIMS surface analyzer, electron microscopy, wet methods, coal analysis. Supervised by D. A. Berry, January 1976.

Sept. 1977 - July 1980:

BGSU Organic Laboratory Coordinator. (Laboratory Technologist, State of Ohio pay range 27). Operation of sophomore teaching laboratories, supervision of graduate and undergraduate teaching assistants, minor maintenance of instruments assigned to those labs. Enrollments in these courses were approximately 150 students, with six to eight TA's. Duties expanded to include checking-out of students on and minor maintenance of Departmental research instruments, including Varian A60A, CFT-20, EM360L NMRs, Beckman ACTA-MIV uv-vis spectrophotometer, Varian MAT CH-7 mass spectrometer with GC interface. Also expanded to include operation of initial computerized Department stockroom inventory, first on cards, then on DEC system.

July 1990 - Present:

BGSU Chemistry Stores Supervisor. (Chemical Laboratory Supervisor 1, State of Ohio pay range 31). Position was reclassified to this description after job audit in May 1980. Included most of original duties of lab class supervision

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and added responsibility for all aspects of the procurement and storage operation of the Departmental Storeroom. Some instrument duties shifted from older units to Varian XL-200 superconducting NMR duties. Instituted a "just-in-time" ordering system for the Department, resulting in considerable financial savings as dead inventory was reduced. Became involved with Hazardous Material Handling within the Department (serving on departmental safety committee) and as Hazardous Waste liaison with the BGSU Hazardous Waste Coordinator. In 1990 inventory system and order processing was placed on a microcomputer as part of a overall electronic network of the Department's desktop computers.

#### BGSU Departmental Awards:

Recognition for "Excellence in Undergraduate Education", Ohio Board of Regents, \$167,000, 1984.  
Ohio Eminent Scholar in Photochemistry, 1988.

#### BGSU Committee Assignments:

Chair of University Hazardous Material Study Group, assigned to formulate University policy on the handling of hazardous materials (including wastes) on a campus-wide basis. Policy developed by this group was adopted as University policy by the action of the BGSU Board of Trustees, December 1990. Committee continues to work in advisory role on this subject, reporting directly to the Vice President for Plant Operations and Maintenance.

#### Consulting:

North American Science Associates, Northwood, Ohio, on hazardous materials handling policy and methods. March 1987 to present.

NWO Fire School Instructor on Laboratory Facility Evaluation. Summer 1989.

#### References and Transcripts:

Furnished upon request. BGSU employee evaluations are also available.